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31. (amended) An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from an input port to any output port;

said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;

said optical switch configured for independently switching said at least one wavelength component from any input port to any output port.

32. (amended) An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from any input port to an output port;

said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;

said optical switch configured for independently switching said at least one wavelength component from any input port to an output port.

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41. (amended) An optical switch, comprising:

at least one input port;

at least one output port; and

at least one array of actuated mirrors configured for switching an optical beam from an input port to any output port;

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said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;

said optical switch configured for independently switching said at least one wavelength component from an input port to any output port.

42. (amended) An optical switch, comprising:

at least one input port;

at least one output port; and

at least one array of actuated mirrors configured for switching an optical beam from any input port to an output port;

said optical switch configured for separating at least one wavelength component in said optical beam from at least one other wavelength component of said optical beam;

said optical switch configured for independently switching said at least one wavelength component from any input port to an output port.
